

Scott M. Matheson  
Governor



James O. Mason, M.D., Dr.P.H.  
Executive Director  
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DIVISIONS

Community Health Services  
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STATE OF UTAH  
DEPARTMENT OF HEALTH  
DIVISION OF ENVIRONMENTAL HEALTH

150 West North Temple, P.O. Box 2500, Salt Lake City, Utah 84110

James D. Clise, Director  
Room 426 801-533-6121

(801) 533-6146  
November 14, 1979

ACT/017/001

Re: Tony M mine water impoundment

Dear Pam:

We have reviewed the plans and information regarding the Plateau Resources, Tony M uranium mine, temporary water impoundment in section 8, T. 35 S., R.11 E. of San Juan County. Lithology log 2C CE 4824, Dam X-Section, geologic map, topographic map and supporting information were reviewed.

No construction permit will be issued since the pond has already been constructed to serve as a temporary containment until another pond can be designed. We remind you that the plans for the permanent wastewater facility must be approved by this office prior to construction.

This 3.6 acre site is to serve as a temporary pond to totally contain the 15-20 gpm of mine drainage. The dam is to be approximately 10 feet high and 12 feet wide with a clay center. The nearest ground water is more than two hundred feet below the surface and would be similar to the mine water. There would also be more than 10 layers of mudstone in the salt wash formation between the pond and the ground water. The facility is to be fenced with a 4-foot chain link fence to exclude livestock.

In addition we specify that the following conditions must be complied with.

1. Appropriate warning signs must be provided along the fence.
2. The site must be inspected weekly and any seepage contained and reported to this office.
3. At least three feet of freeboard shall be maintained in the pond.



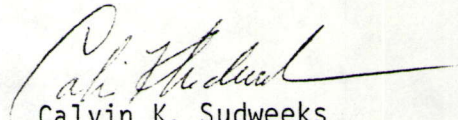


4. A permanent mine wastewater treatment system must be submitted to this office as soon as possible but no later than July 1, 1980.
5. This pond site should not be used after December 31, 1980 and the site reclaimed so radioactive solids are not left exposed or in a position to pollute waters of the state.

If you have any questions regarding these conditions please contact our office.

Sincerely

UTAH WATER POLLUTION COMMITTEE

  
Calvin K. Sudweeks  
Executive Secretary

SM/be

cc: EPA Salt Lake  
Division of Oil, Gas and Mining  
South East 208